

UNITED

LABORATORIES

United 339 CYCLE SMART Stabilized Bromine Treatment

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN BURNS. Do not get in eyes, on skin or on clothing. Wear protective goggles, face shield, safety glasses, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board Regional Office of EPA.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling.

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

UNITED 339 Cycle Smart Stabilized Bromine Treatment must be applied at the reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient **UNITED 339 Cycle Smart Stabilized Bromine Treatment** must be fed to maintain a total chlorine level of 1.0-4.0 ppm in all parts of the reservoir or pond (two fluid ounces per 1000 gallons of water yields about 1.4 ppm total chlorine).

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

UNITED 339 Cycle Smart Stabilized Bromine Treatment must be applied directly to the cooling water at any section of the system where sufficient mixing will occur. Apply **UNITED 339 Cycle Smart Stabilized Bromine Treatment** to the cooling water to provide a total chlorine level of 1.0-4.0 ppm. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.4 ppm throughout the systems. Check the total chlorine level with a test kit and additional product applied until a reading of 1.0-4.0 ppm is obtained at the bleed-off point. The product can be added to the system either continuously or intermittently or as needed to obtain the above residual. The frequency of feeding and dosage rate will depend upon the severity of the problem.

INDUSTRIAL PASTEURIZERS

(Such as food, beverage, and industrial process pasteurizers)

For control of bacteria and fungi in industrial pasteurizers add 4-8 ounces of **UNITED 339 Cycle Smart Stabilized Bromine Treatment** per 1000 gallons of system water to achieve control. To maintain control add sufficient **UNITED 339 Cycle Smart Stabilized Bromine Treatment** to maintain 2.0-4.0 ppm total chlorine throughout the system. (Two fluid ounces per 1000 gallons of water yields 1.4 ppm total chlorine.)

SHELL EGG PASTEURIZER WATER SYSTEMS

For control of bacteria, fungi and algal slime in shell egg pasteurizer water systems add 4-8 ounces of **UNITED 339 Cycle Smart Stabilized Bromine Treatment** per 1000 gallons of system water to achieve control. To maintain control add sufficient **UNITED 339 Cycle Smart Stabilized Bromine Treatment** to maintain 2.0-4.0 ppm total chlorine throughout the system. (Two fluid ounces per 1000 gallons of water yields 1.4 ppm total chlorine)

AIR WASHERS

(This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.)

For control of microorganisms in industrial air washer systems add sufficient **UNITED 339 Cycle Smart Stabilized Bromine Treatment** to the air washer sump or chill water to provide a total chlorine level of 2.0-4.0 ppm. Badly fouled systems must be cleaned before treatment is begun. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.4 ppm throughout the system. Check the total chlorine level with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

UNITED 339 Cycle Smart Stabilized Bromine Treatment is an effective agent for controlling algae, bacteria, and fungi that produce slime in recirculating condensing and cooling equipment and in reservoirs or ponds that serve as the source of boiler feedwater or cooling water. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** can also be used to control bacteria, algae and fungal slime in decorative fountains, air washers, paper mill water systems, and food, beverage, and industrial process pasteurizers.

ACTIVE INGREDIENT:

Sodium hypochlorite 7.00%
Sodium bromide 1.50%

INERT INGREDIENTS: 91.50%
TOTAL 100.00%

Total Available chlorine = approximately 6.7%

Total Available Bromine = approximately 2.3%

KEEP OUT OF REACH OF CHILDREN. DANGER

FIRST AID:	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or a doctor for treatment advice.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15- 20 minutes. Call a poison control center or a doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or a doctor for treatment advice.
IF SWALLOWED:	Call a poison control center or a doctor immediately for treatment advice. DO NOT INDUCE VOMITING, unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Note to Physician: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container, label or MSDS with you when calling a poison control center or doctor, or going for treatment. IN CASE OF MEDICAL EMERGENCY, CALL 1-800-535-5053.	

HEAT TRANSFER SYSTEMS

(Such as Evaporative Condensers, Hydrostatic Sterilizers and Retorts, Dairy Sweetwater Systems, and Once-Through Cooling Water Systems)

UNITED 339 Cycle Smart Stabilized Bromine Treatment must be used at the same application rates, and in the same manner as described above. It must be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

PULP & PAPER MILL INFLUENT WATER SYSTEMS

UNITED 339 Cycle Smart Stabilized Bromine Treatment must be applied to the raw water intake prior to the filter house, economizer, or process water. Feed at a dosage sufficient to provide total a chlorine level of 2.0-4.0 ppm. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.4 ppm throughout the system. The total chlorine level must be checked with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained. Some systems can be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** can be used in pulp and paper influent water systems where the manufactured paper or paperboard can be used for food contact purposes.

PULP & PAPER MILL PROCESS WATER SYSTEMS

Add **UNITED 339 Cycle Smart Stabilized Bromine Treatment** to paper making systems at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white water tank. Feed at a dosage sufficient to provide a total chlorine level of 2.0-4.0 ppm. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.4 ppm throughout the system. Check the total chlorine level with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained. Some systems can be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. **UNITED 339 Cycle Smart Stabilized Bromine Treatment** can be used in pulp and paper mill process water systems where the manufactured paper or paperboard can be used for food contact purposes.

STORAGE AND DISPOSAL:

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer. Do not reuse empty container but place in trash collection. Do not contaminate water, or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide disposal wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Manufactured For:
UNITED LABORATORIES, INC.
320 37th Avenue • St. Charles, IL 60174
1-800-323-2594 • www.unitedlabsinc.com

EPA REG. No. 84024-1-9250 EPA EST. No. 9250-IL-01

NET CONTENTS: _____ NET WEIGHT: _____